

Incorporating DB2 Storagegroups

Prerequisites

Incorporation of DB2 objects is subject to DB2 security mechanisms. See the section **DB2 and SQL/DS in the Predict and Other Systems documentation**.

Note:

See Concepts of Incorporation for basic information on how to use incorporation functions.

Selecting DB2 Storagegroups

The Incorporate DB2 Storagegroup screen is called with function code I and object code SG in a Predict main menu or with the command INCORPORATE STORAGEGROUP.

```
09:31:44          ***** P R E D I C T  4.3.1  *****
Plan    0          - Incorporate DB2 Storagegroups -
                                                               2003-05-31

Storagegroup name .....

Select option
Creator name ......

Processing option
Connect automatic .. N (Y,N)
```

Parameters	
Storagegroup name	DB2 storagegroup name. Asterisk notation is allowed.
Creator name	DB2 creator name. Asterisk notation is allowed.
Connect automatic	Y With the Compare function: the DB2 storagegroup and the Predict object are connected if no differences are detected between the two objects.

```
13:07:27          ***** P R E D I C T  4.3.1  *****
                                                               2003-05-31
          - Incorporate DB2 Storagegroups -
Search-crit.: Storagegroup name=ALL
          Storage-   Predict
          Cmd Creator   group name   storagespace ID      Remark

__  BHD      LMRK0001
__  BHD      RISPASTO
__  BHD      SYSDEFLT    SYSDEFLT
__  RSH      GROUPY
__  RSH      RSH#GROU
__  RSH      RSHGROU
__  SCM      SCMSTG
```

Columns in the List	
Creator	Creator of the storagegroup.
Storagegroup name	Name of the storagegroup.
Predict Storagespace ID	ID of a Predict storagespace documenting the storagegroup.
Remark	A type-independent remark (see Remarks which apply to all Object Types or blank).

Incorporation Functions for DB2 Storagegroups

The functions T, C and I apply.

Note:

Corresponding DB2 storagegroups and Predict objects of type storagespace are identified by the DB2 storagegroup name.

Compare - Code T

Compares the storagegroup and the Predict storagespace and reports differences between attributes.

If no differences between the two objects are found and Connect automatic is set to Y, the dictionary object is connected to the storagegroup.

Connect - Code C

Connects the storagegroup to the existing Predict storagespace, and

- updates the Predict storagespace;
- writes to the generation log of the Predict object that a corresponding implemented storagegroup existed when the connection was established.

Incorporate - Code I

Scope of the Incorporation

- Creates a Predict storagespace with attributes documenting the storagegroup.
- Connects the storagegroup and the Predict storagespace.

Before the function is executed, specify the following parameters in an additional input screen. Storagespace ID is mandatory, List incorporated code is optional

Incorporation Options	
Storagespace ID	ID to be assigned to the new Predict storagespace.
List incorporated code	<p>Y</p> <p>The values of all attributes incorporated for the table or view are to be listed.</p>

Incorporate DB2 Storagegroups in Batch Mode

Command: INCORPORATE STORAGEGROUP

Enter parameters on next line using positional or keyword form.

Field	Keyword	Position
Storagegroup name	STOGROUP	1
Creator name	CREATOR	2
Connect automatic	AUTO-CONNECT	3
Function	SUB-FUNCTION	4
Storagespace ID	STOSPACE-ID	5
List incorporated code	LIST	6

Example

To incorporate the DB2 storagegroup 'SYSDEFLT' with storagespace ID 'TEST-ST' and display the storage space attributes, code the command:

```
INCORPORATE STORAGEGROUP
STOGROUP=SYSDEFLT,SUB-FUNCTION=I,STOSPACE-ID=TEST-ST,LIST=Y
```

or

```
INCORPORATE STORAGEGROUP
SYSDEFLT,,,I,TEST-ST,Y
```

The example above uses the Natural parameters ID=, and IA==